

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-18 (Canceled)

Claim 19 (Currently amended): An isolated antibody or antigen binding fragment thereof which specifically binds to a CD39L4 polypeptide having the amino acid sequence of SEQ ID NO: 6.

Claim 20 (Previously added): The antibody of claim 19 which is a monoclonal antibody.

Claim 21 (Currently amended): The antibody-antigen binding fragment of claim 19 which is ~~a~~an antigen binding fragment of a monoclonal antibody.

Claim 22 (Previously added): A hybridoma which produces the monoclonal antibody of claim 20.

Claim 23 (Previously added): The antibody of claim 19 which is a polyclonal antibody.

Claim 24 (Currently amended): The antibody-antigen binding fragment of claim 19 which is ~~a~~an antigen binding fragment of a polyclonal antibody.

Claim 25 (Previously added): The antibody of claim 19 which comprises a detectable label.

Claim 26 (Previously added): The antibody of claim 25 wherein the detectable label is a radioisotope, affinity label, enzymatic label, fluorescent label or paramagnetic moiety.

Claim 27 (Canceled)

Claim 28 (Currently amended): A kit comprising (a) the antibody or antibody antigen binding fragment of claim 19 and (b) a polypeptide having the amino acid sequence of SEQ ID NO: 6 or an immunologically reactive fragment of said polypeptide.

Claim 29 (Currently amended): A kit comprising (a) the antibody or antibody antigen binding fragment of claim 19 and (b) a wash reagent or a reagent capable of detecting the presence of a bound antibody.